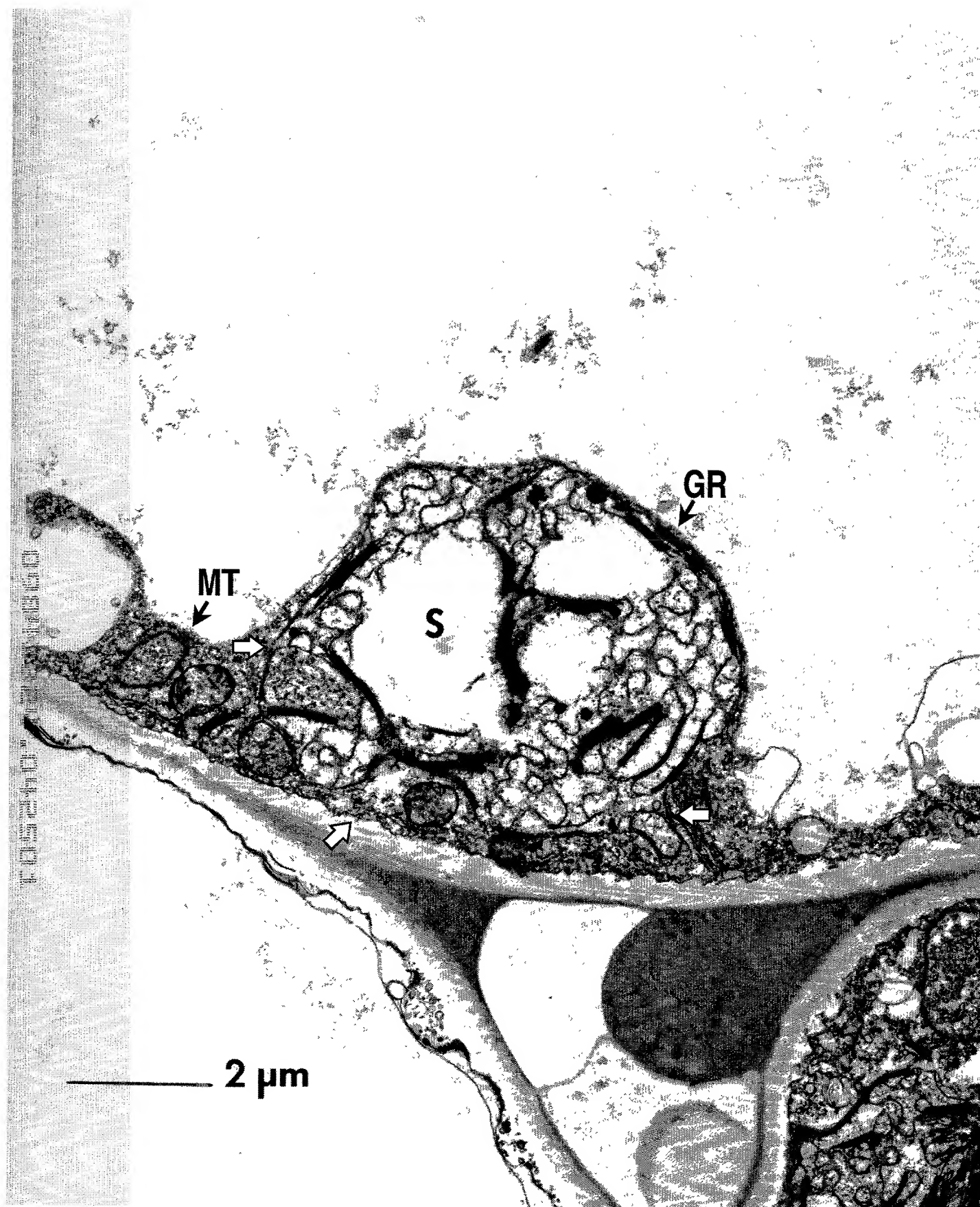
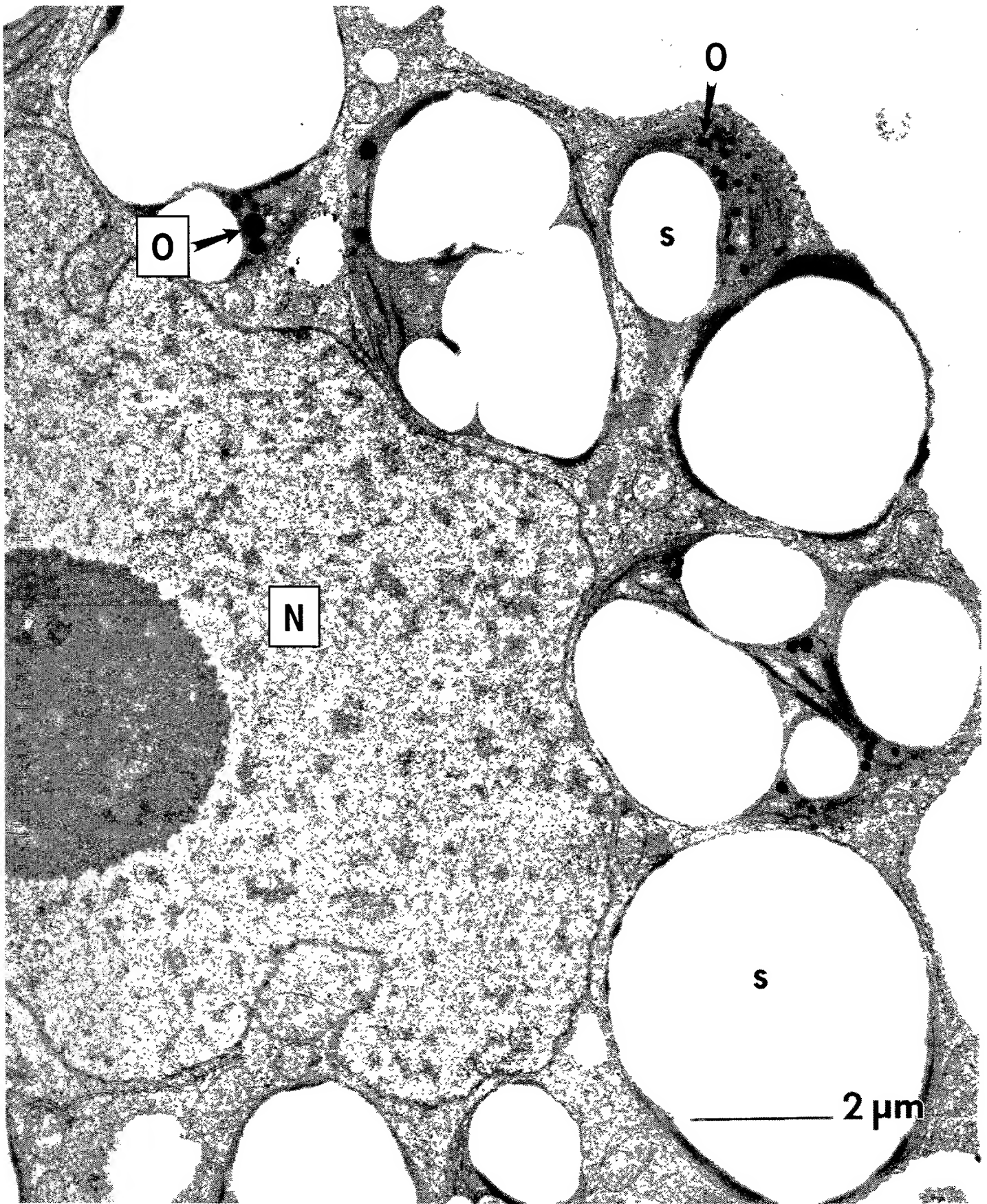


**Control - 1 week**

Figure 1

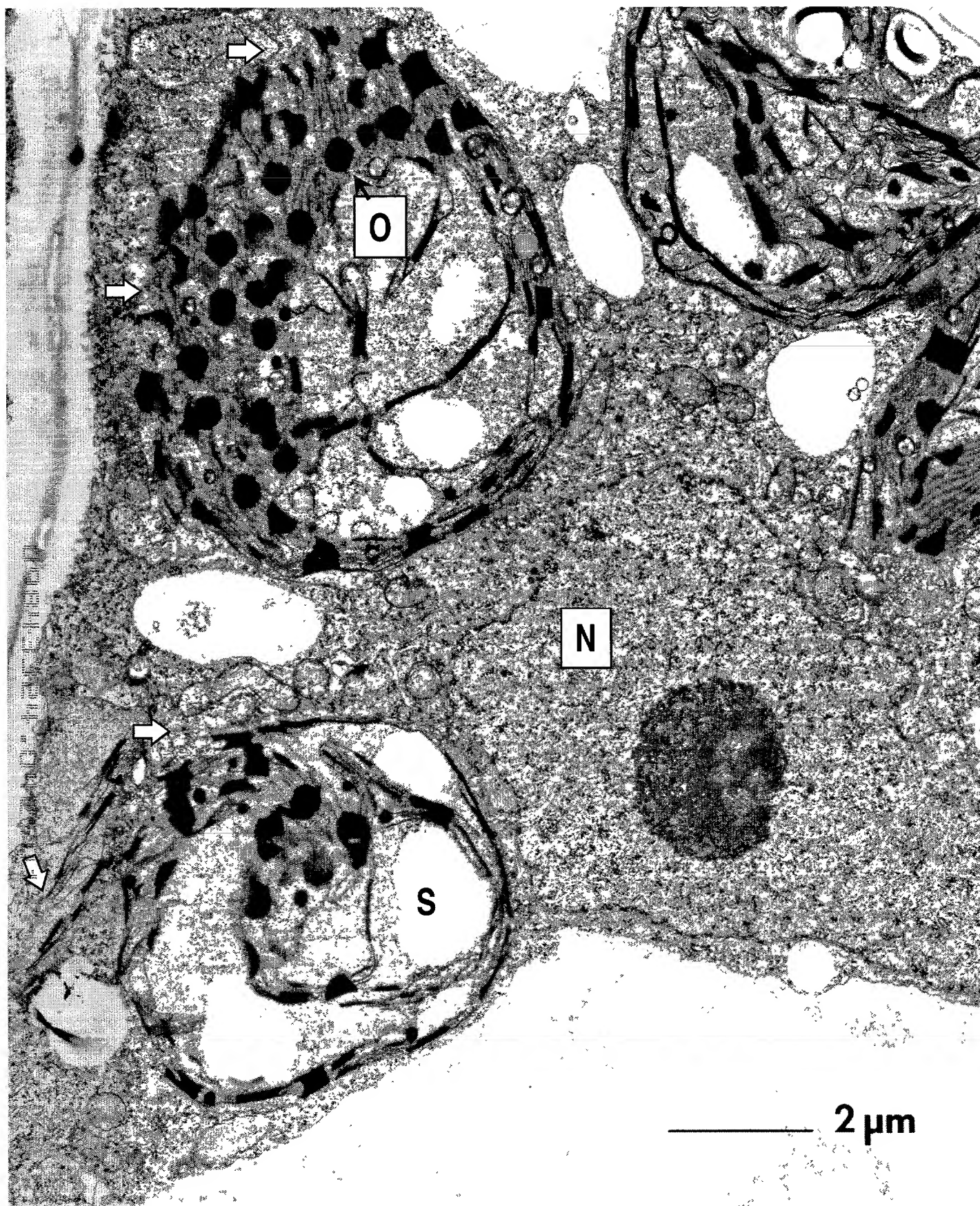


**Glyphosate - 50ppm 1 week** Figure 2

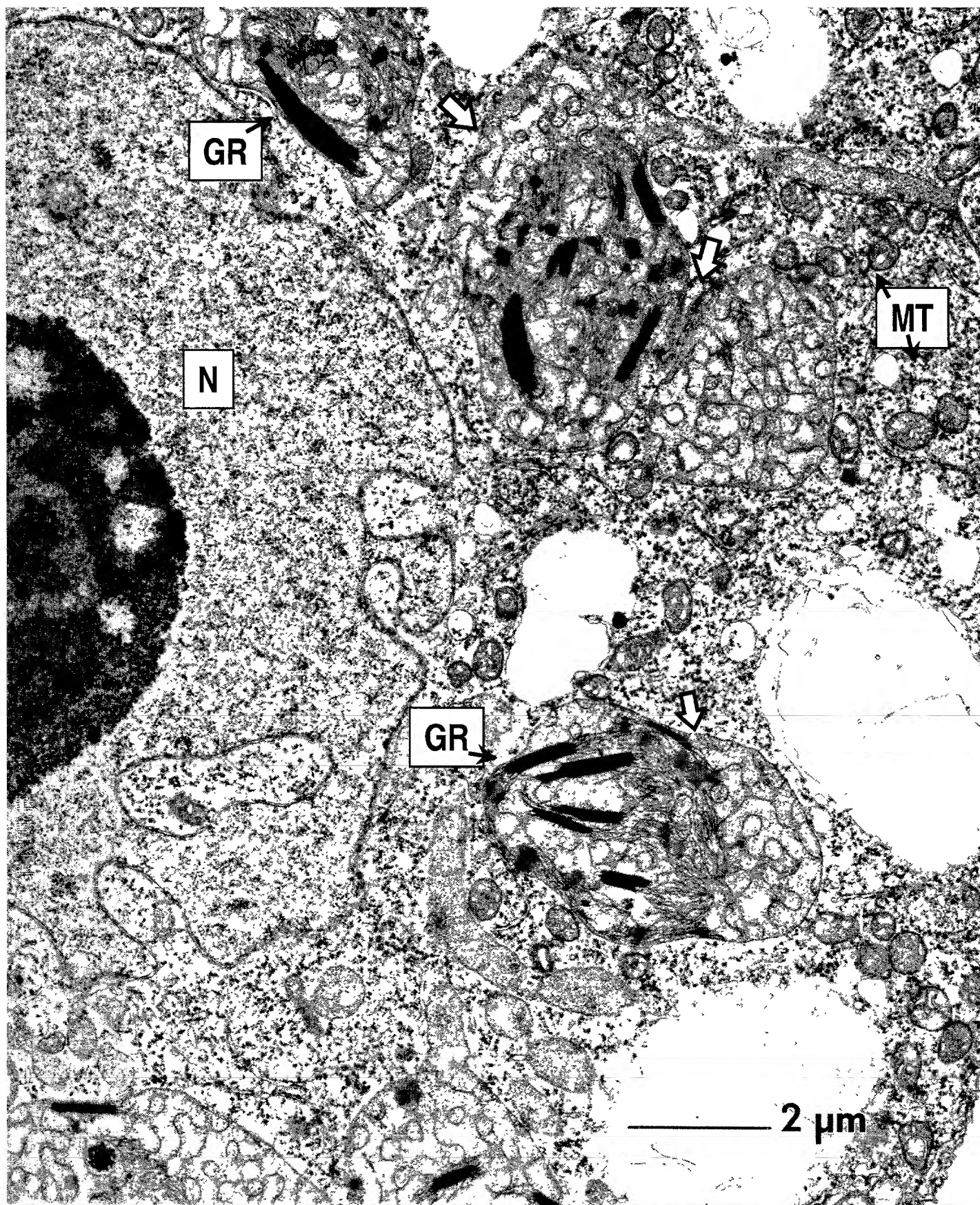


**Glyphosate - 50 ppm 4 weeks** Figure 3



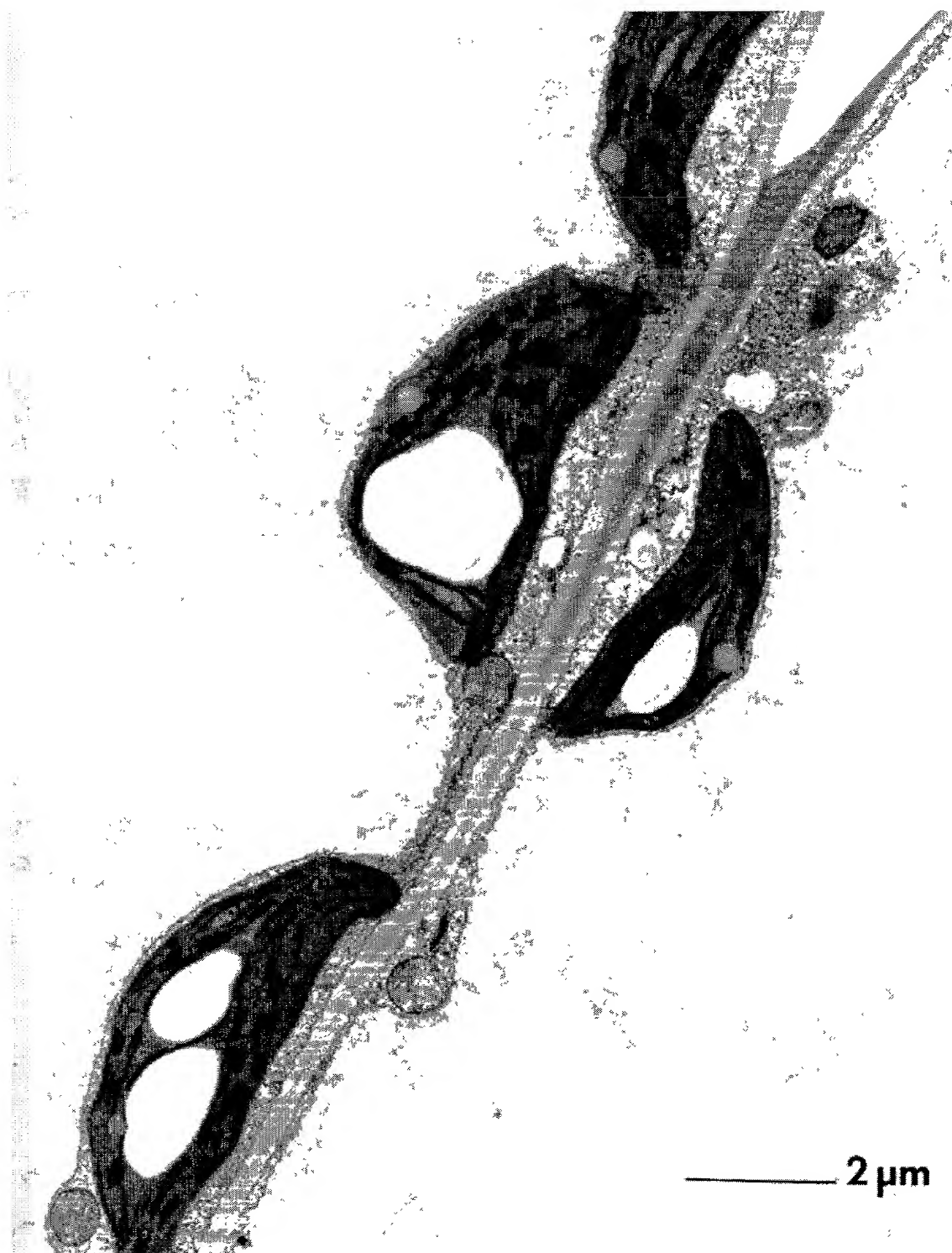


**Glyphosate -200 ppm 1 week** Figure 4



**Glyphosate - 200 ppm 4 weeks** Figure 5





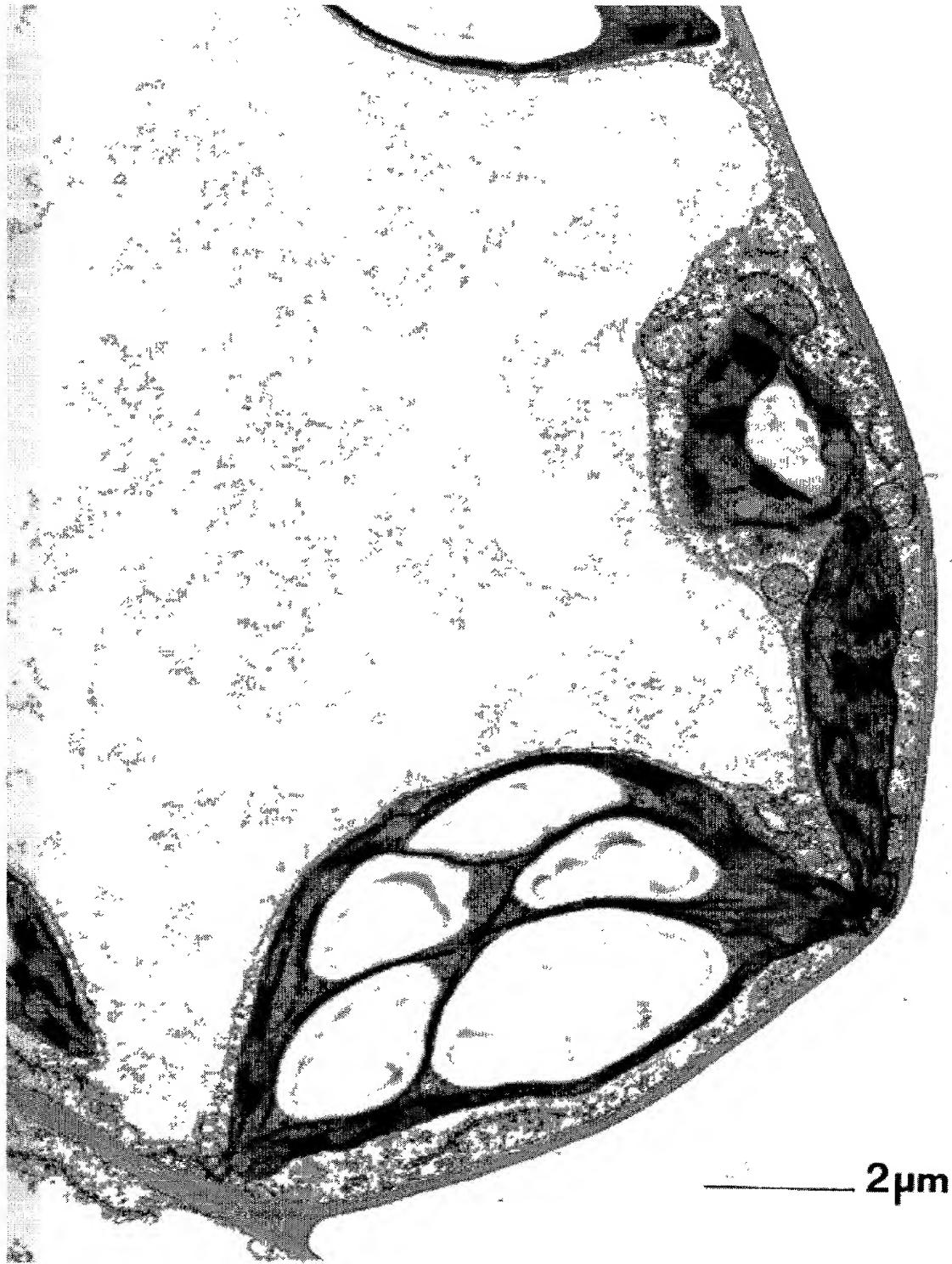
Glyphosate 1 uM, 7 days

Figure 67

Electron micrograph showing a cross-section of a plant cell wall. The image displays a thick, dark, and highly textured outer layer (cuticle) and a lighter, more uniform inner layer (cellulose). A scale bar in the bottom right corner indicates 2  $\mu\text{m}$ .

Figure 7

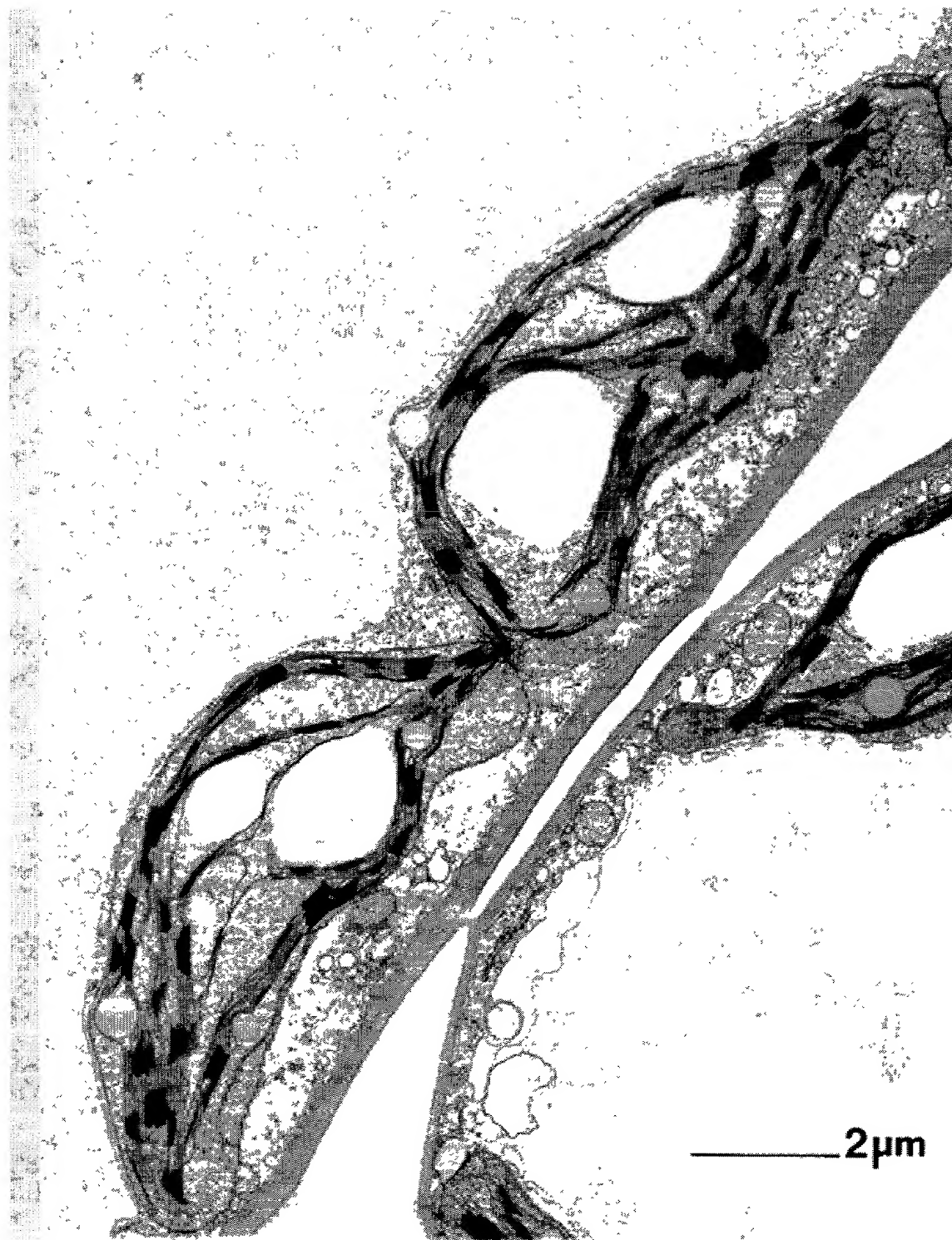
103340-122480



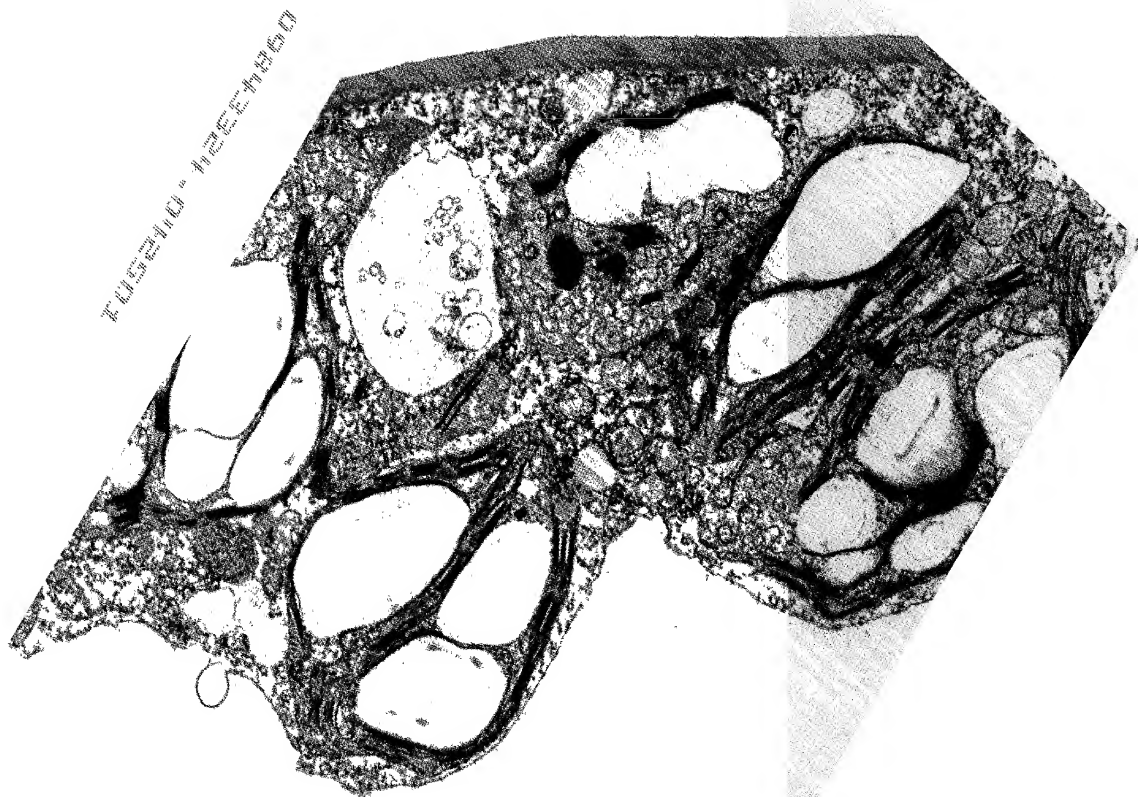
Glyphosate 10 uM, 7 days Figure 8



094344-04301



Glyphosate 20 uM, 3 days Figure 9



Glyphosate 20  $\mu$ M, 7 days Figure 10

2  $\mu$ m

TO5410-42EE4860

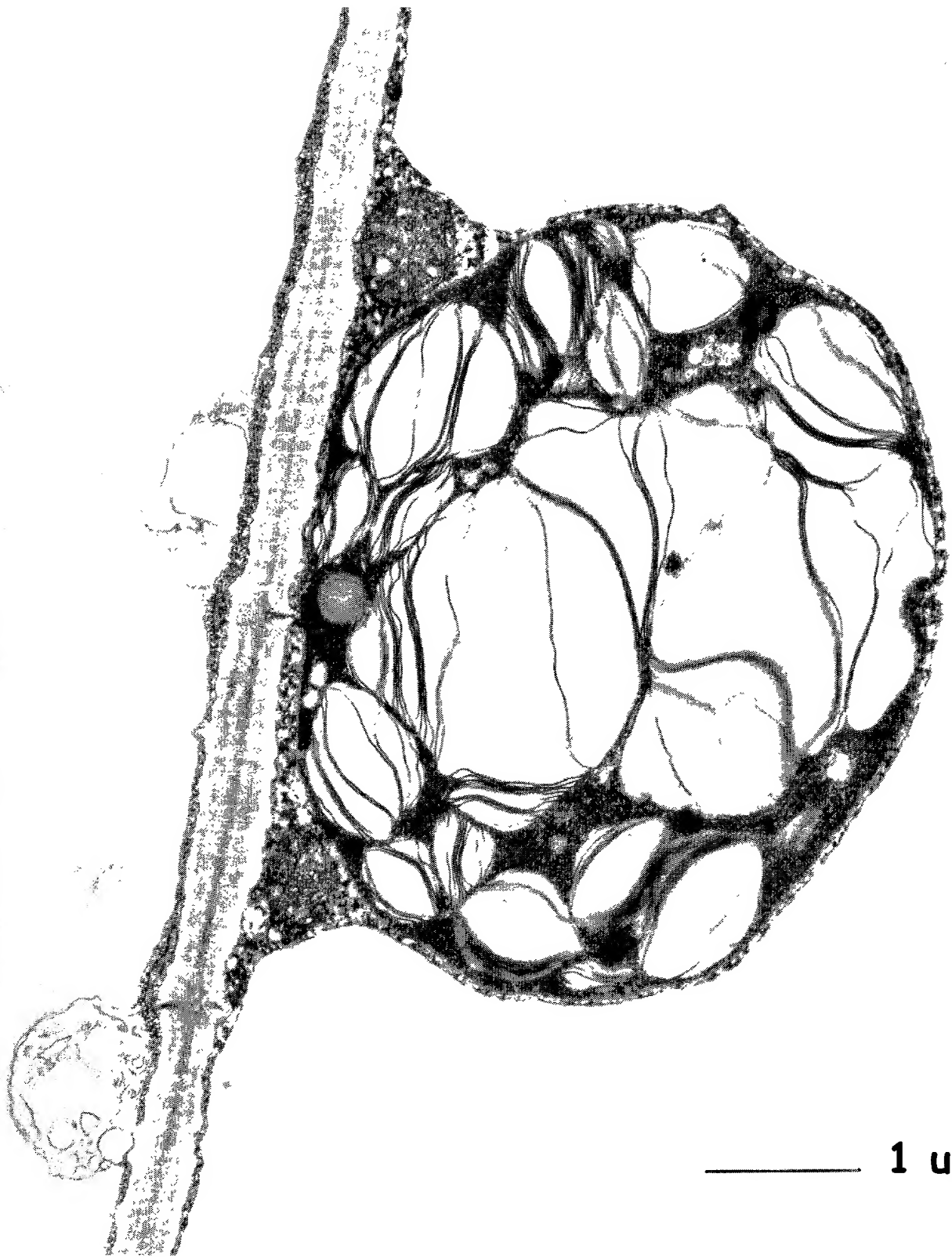


**Spectinomycin - 500 ppm**  
**1 week**

Figure 11



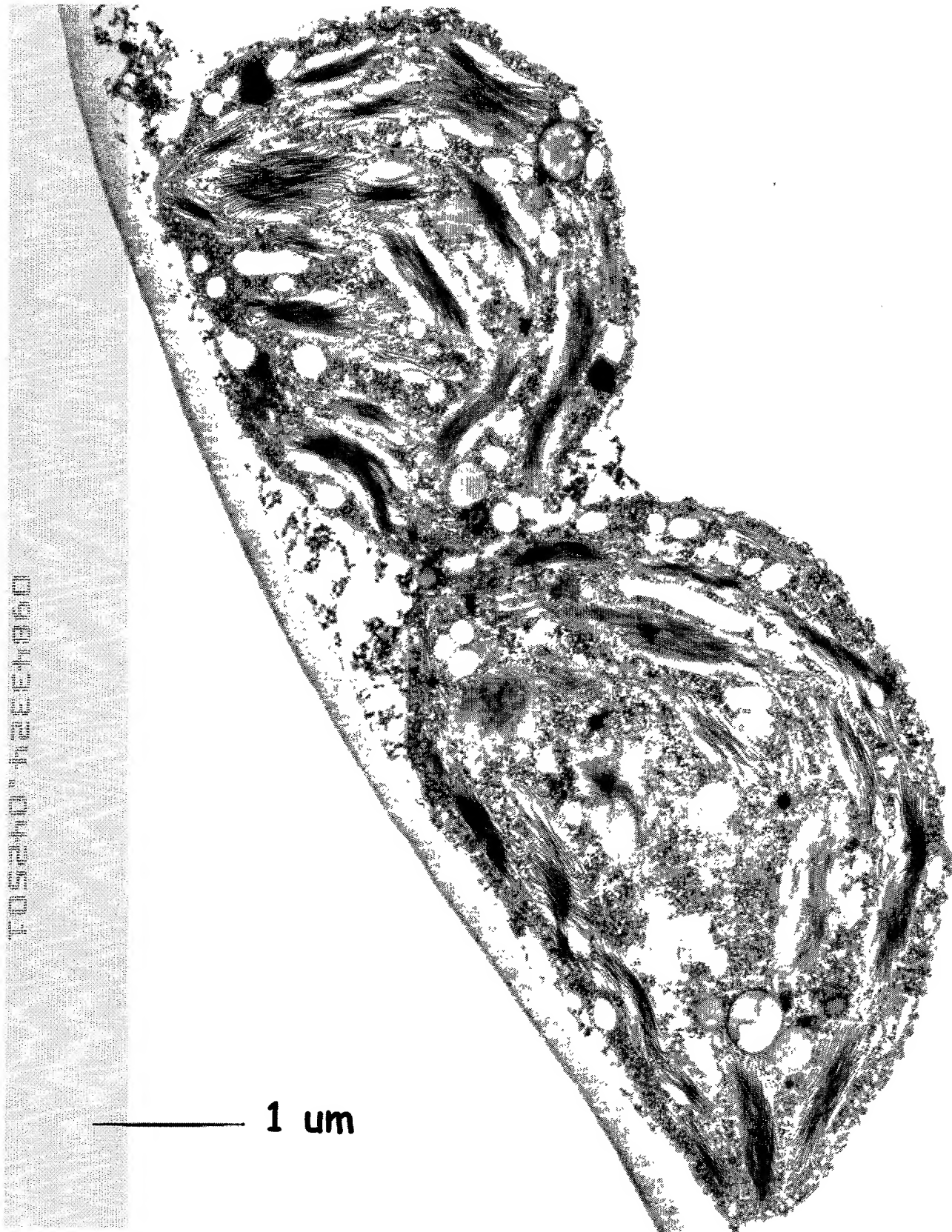
100000-4224360



\_\_\_\_\_ 1  $\mu$ m

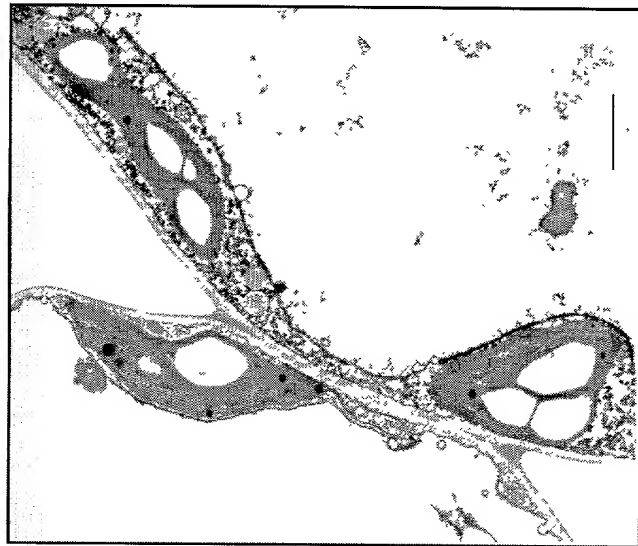
**Spectinomycin - 500 ppm**  
**4 weeks**

Figure 12A



**Spectinomycin - 500 ppm  
4 weeks**

Figure 12B



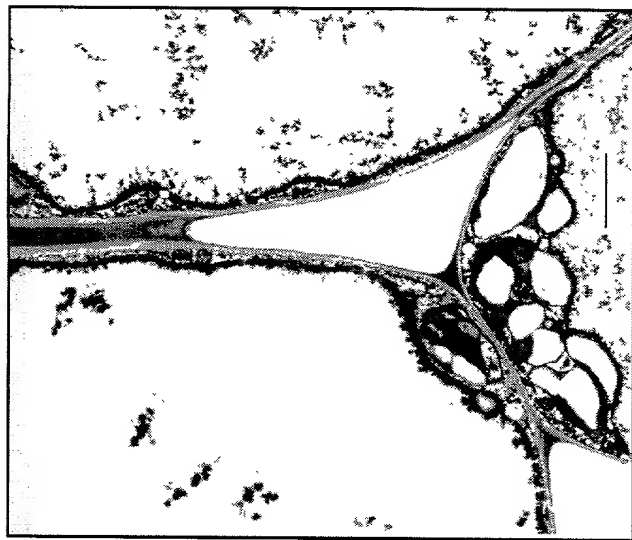
*Phosphinothricin - 4 mg / L*  
*- 3 days*

Figure 13



*Phosphinothricin - 4 mg / L*  
*- 7 days*

Figure 14



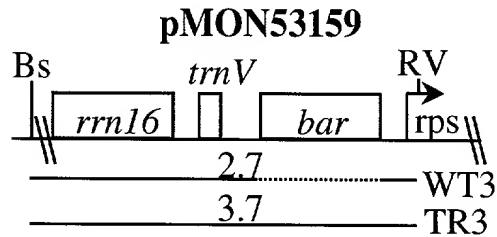
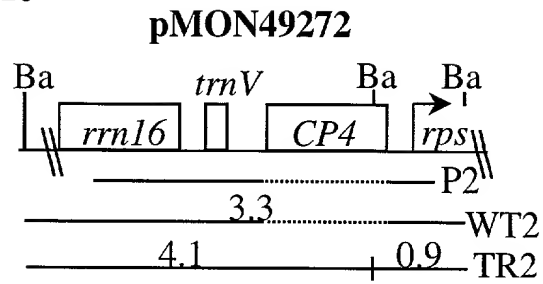
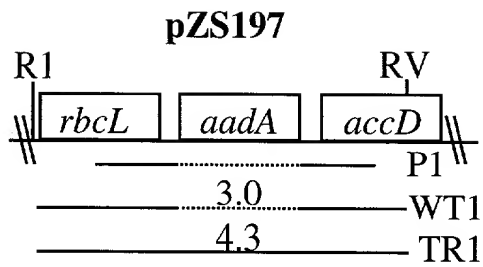
*Phosphinothricin - 4 mg / L*  
*- 12 days*

Figure 15

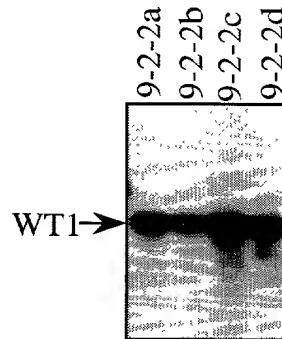
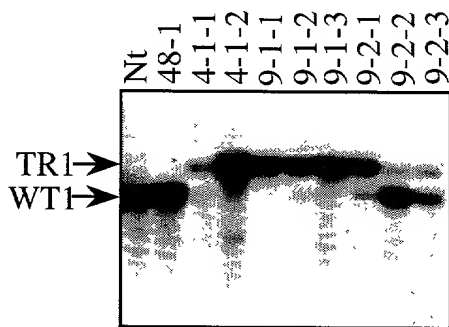


Figure 16

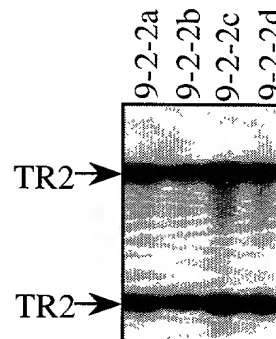
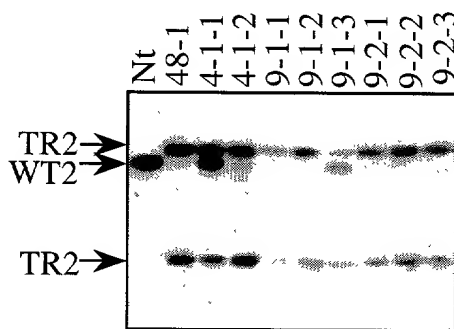
**A**



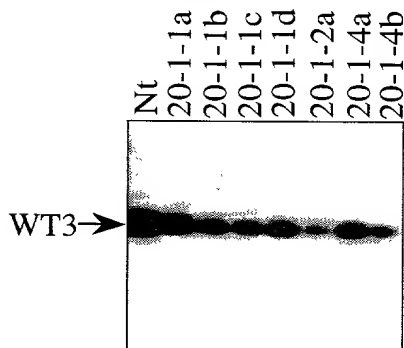
**B** *aadA* region probe



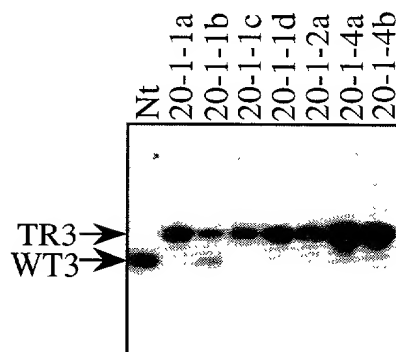
**C** CP4 region probe



**D** *aadA* region probe



**E** *bar* region probe



# shots	# Gly selected	# analyzed	# CP4+
60	7	6	6

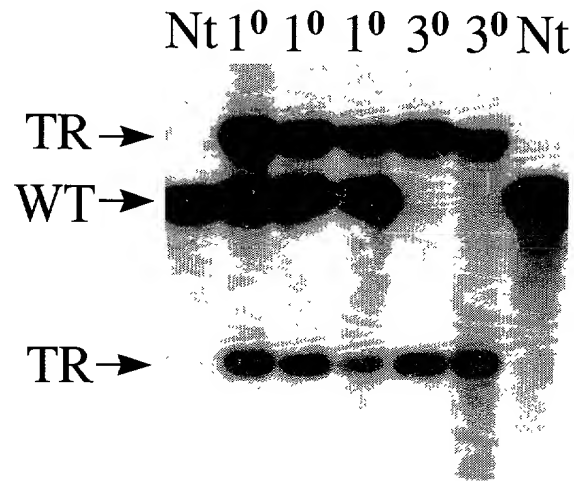


Figure 17

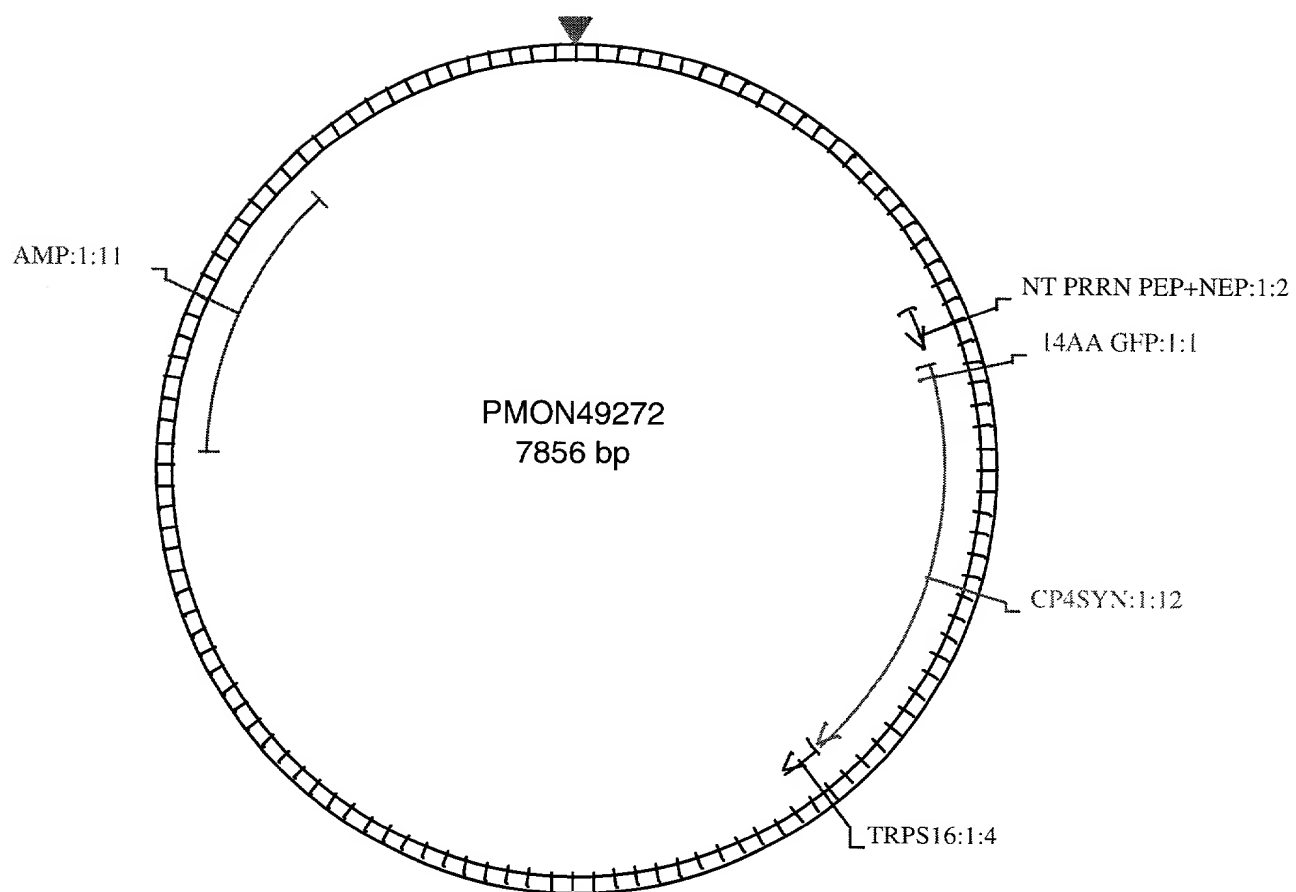


Figure 18



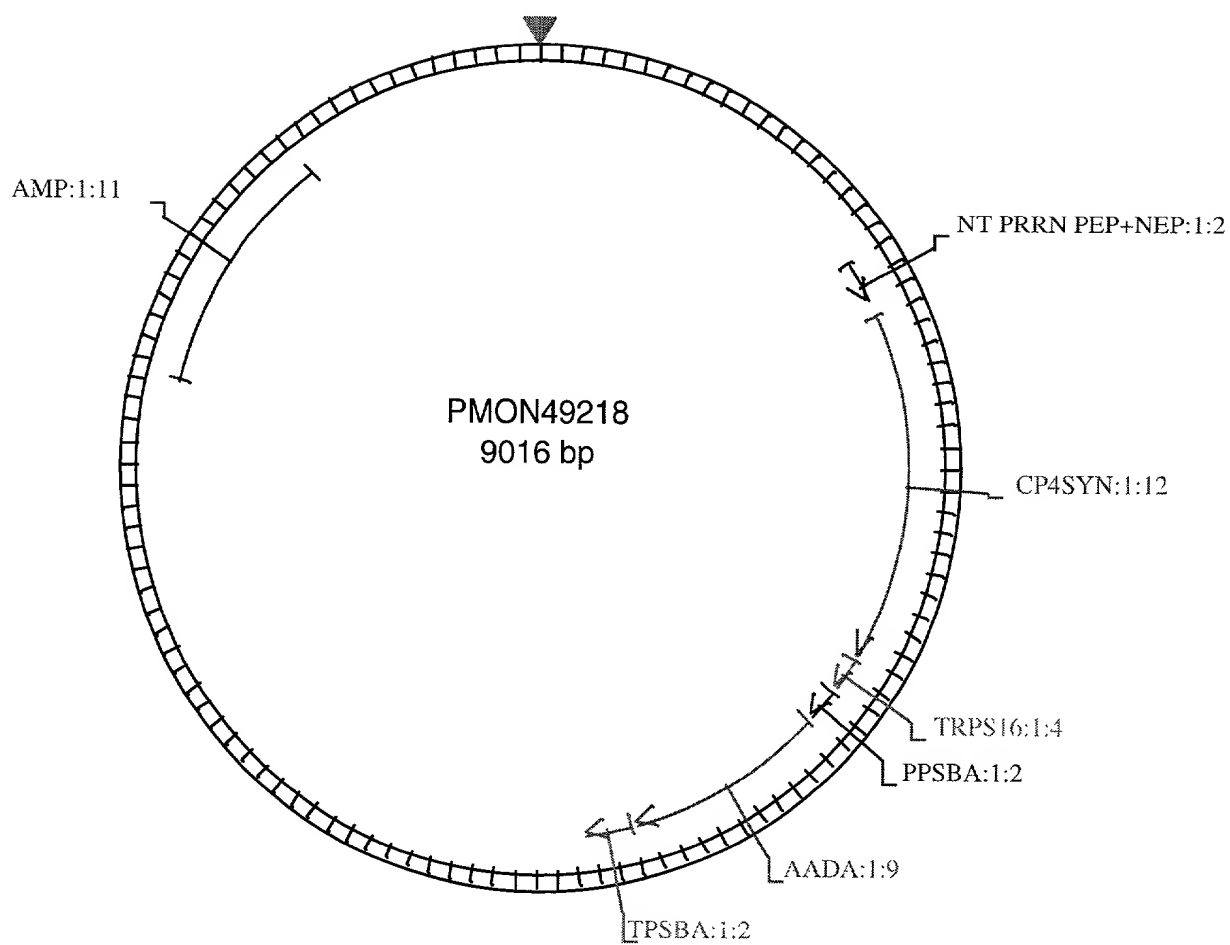


Figure 19

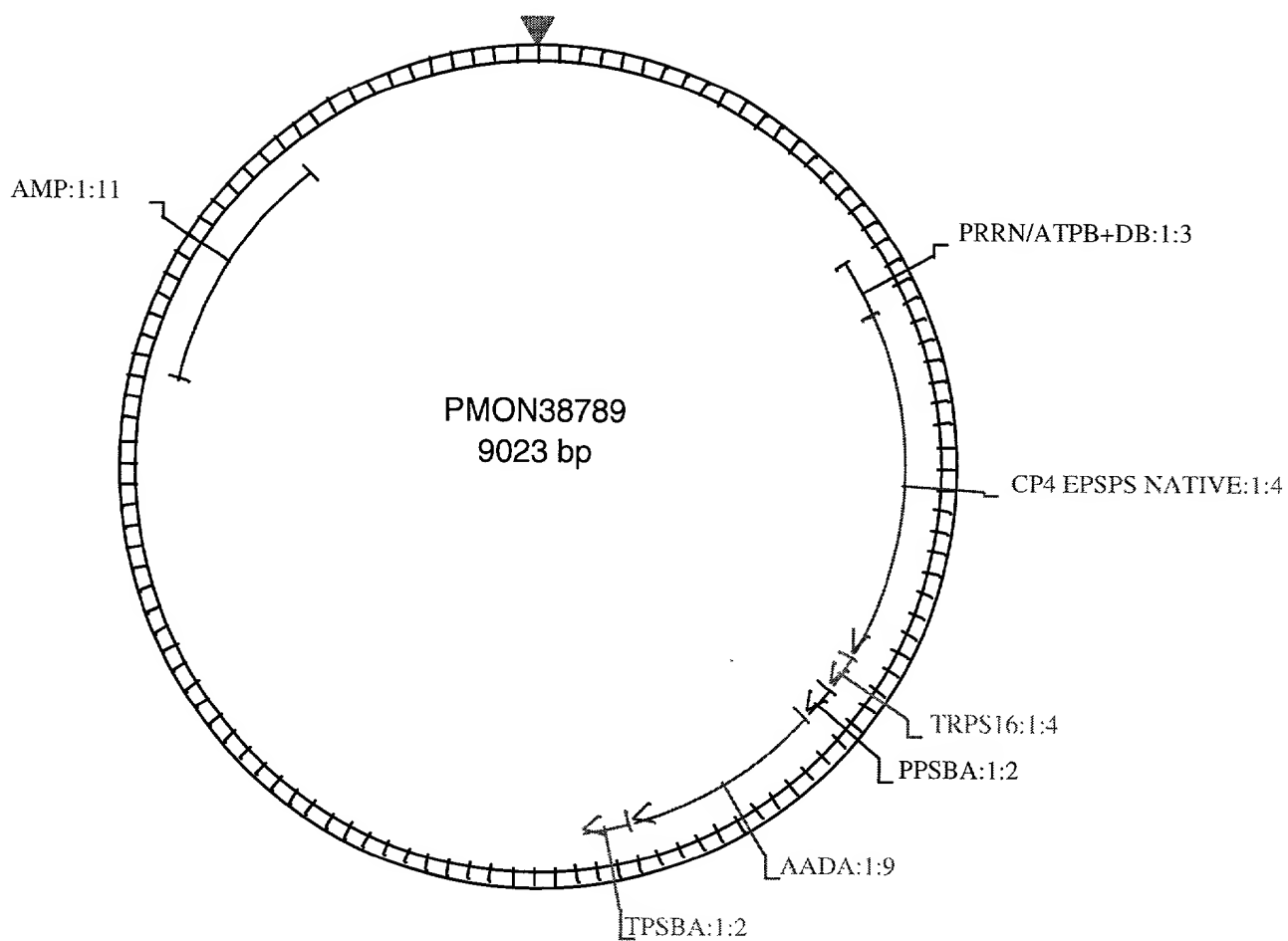


Figure 20

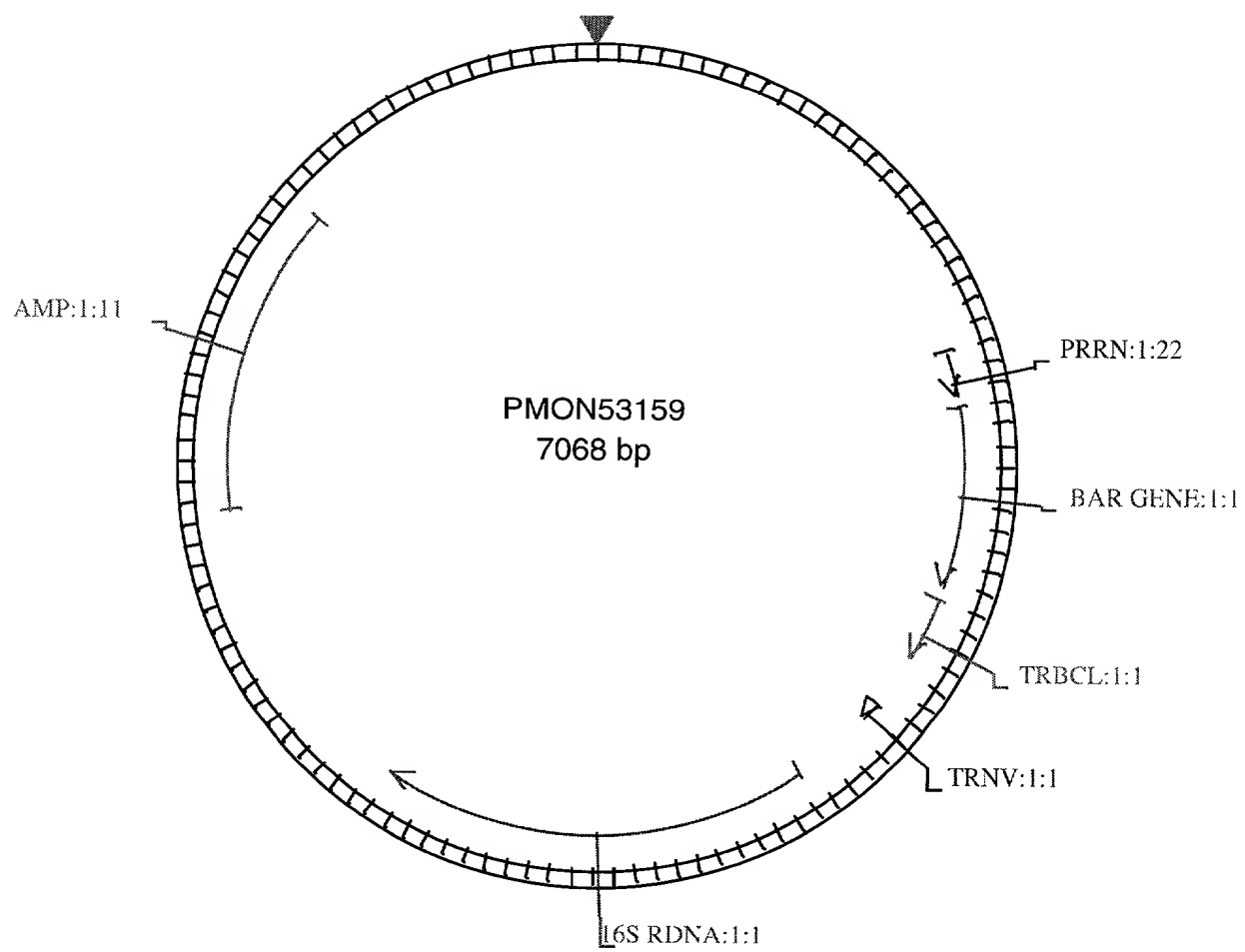


Figure 21



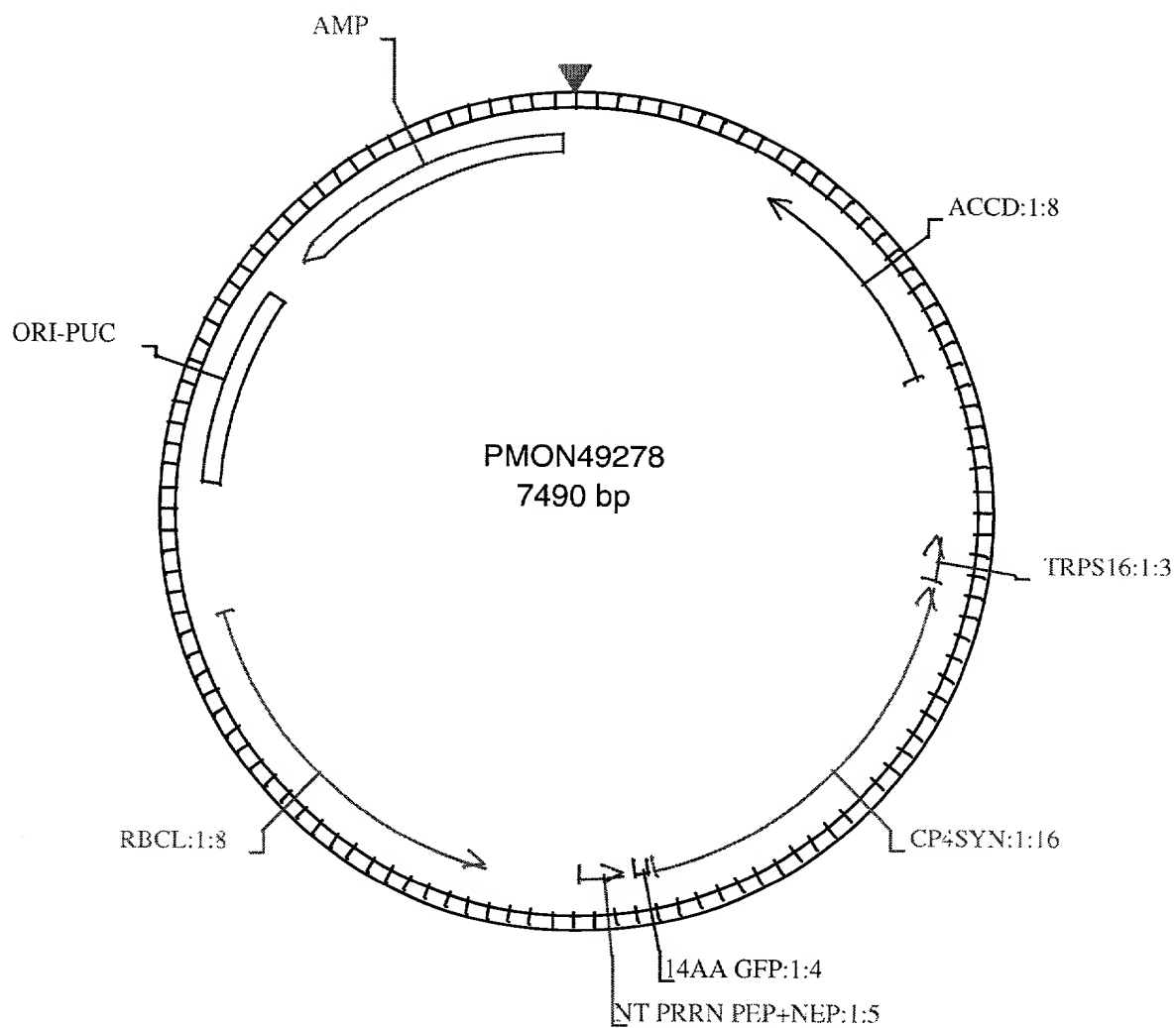


Figure 22